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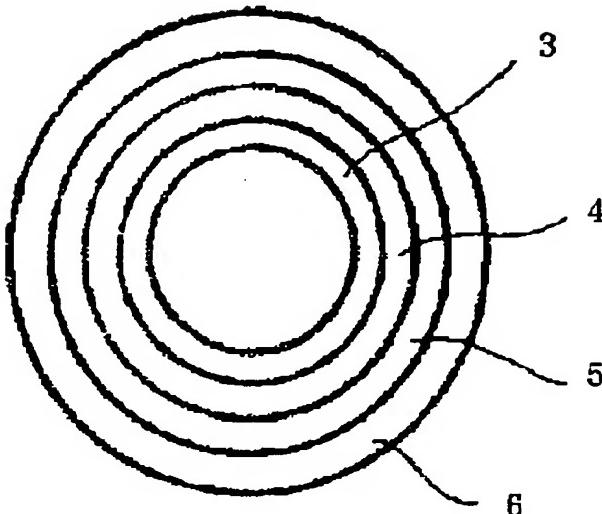
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APPLICANT : TOKAI RUBBER IND LTD;

INVENTOR : INOUE TOMOKI;

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TITLE : RUBBER LAMINATE AND HOSE



ABSTRACT : PROBLEM TO BE SOLVED: To improve the bonding strength between a fluororubber layer and an acrylic rubber layer by a method wherein the fluororubber layer and the acrylic rubber layer are peroxide-vulcanized with an organic peroxide and vulcanizing-bonded by an epoxy-crosslinking or carboxy-crosslinking through an epoxy group or an carboxyl group.

SOLUTION: A fluororubber layer 1, which is prepared by employing a fluoro monomer such as vinylidene fluoride, hexafluoropropene, pentafluoropropene, trifluoroethylene, trifluorochloroethylene or the like and an acrylic rubber layer 2 are vulcanizing-bonded through a crosslinking epoxy group in allyl glycidyl ether, glycidyl methacrylate or the like equipped with the acrylic rubber layer 2, methacrylic acid, crotonic acid or the like and an organic peroxide. Thus, the bonding strength between the fluororubber layer 1 and the acrylic rubber layer 2 can be fully improved.

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